

For Research Use Only

SDCCAG1 Monoclonal antibody

Catalog Number: 68708-1-Ig



Basic Information

Catalog Number: 68708-1-Ig	GenBank Accession Number: BC020794	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 9147	CloneNo.: 3C8A1
Source: Mouse	UNIPROT ID: O60524	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG2a	Full Name: serologically defined colon cancer antigen 1	
Immunogen Catalog Number: AG2467	Calculated MW: 1076 aa, 123 kDa	
	Observed MW: 130-140 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : U2OS cells, A549 cells, LNCaP cells, HeLa cells, MCF-7 cells, Jurkat cells, K-562 cells
Species Specificity: Human	

Background Information

SDCCAG1, also named as NEMF, is a nuclear export mediator. It can be bound to translocon-engaged 60S subunits on native ER membranes. Human SDCCAG1 has been implicated in lung cancers and it may function as a tumor suppressor gene. SDCCAG1 inactivation contributes to the transformed state of human lung cancer cells (PMID:16103875, 10575219). NEMF is also regarded as a potential biomarker for the detection of active and latent TB infections (PMID: 26818387).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68708-1-Ig (SDCCAG1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.